Stat and Data Analysis Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.1 Quantitative Display Practice Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_

***DO ALL WORK ON SEPARATE PAPER!***

Use the following data for questions #1 – 3:

32 45 41 29 30 30 31 34 38 33 35

36 32 34 41 40 42 41 29 30 37 37

1. Make a dotplot

2. Make a stemplot with split stems

3. Of the three graphs you made, which provides the most detail? the least detail?

4. Make a stemplot of the data below

102 104 99 109 108 112 115 120

112 114 98 96 101 100 94 102

5. Below are scores on a quiz in a Pre-Calc Class out of 100 pts. Input the data into your calculator, then make a relative frequency histogram. Draw it on your paper.

79 81 99 67 77 75 86 92 96 89 88 67

56 86 88 72 83 75 77 58 78 88 82 95

94 74 67 65 57 72 79 90 88 82 85 70

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| **Mr. Wheeles** | 79 | 65 | 81 | 64 | 79 | 90 | 71 | 85 | 77 | 76 | 95 | 83 | 71 | 48 | 70 | 66 | 58 | 74 | 68 | 46 | 45 | 54 | 42 |
| **Mrs. McNelis** | 59 | 64 | 63 | 54 | 70 | 71 | 71 | 38 | 42 | 45 | 76 | 68 | 58 | 56 | 68 | 73 | 64 | 60 | 63 | 62 | 66 |  |  |

Above are the scores on a midterm exam from Mr. Wheeles and Mrs. McNelis’ AP Statistics classes.

6. Create a back-to-back stem plot for the scores in both classes

7. Draw the frequency histograms for both classes.

Stat and Data Analysis Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.1 Quantitative Display Practice Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_

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| **Mr. Wheeles** | 79 | 65 | 81 | 64 | 79 | 90 | 71 | 85 | 77 | 76 | 95 | 83 | 71 | 48 | 70 | 66 | 58 | 74 | 68 | 46 | 45 | 54 | 42 |
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